Attorney Docket No.: PR60689USw

### **Amendments to the Claims:**

Please amend the claims as follows:

1. (Currently Amended) A compound of formula (I)

or a salt including salts, solvates, and physiologically-functional derivatives thereof, wherein  $R^1$  is  $-(Q^1)_x$ - $R^5$ ;

Q1 is C1-C8 alkylene;

x is 0 or 1;

R<sup>5</sup> is H. alkyl, alkenyl, alkynyl, haloalkyl, or cyclopropyl;

 $R^2$  is  $-(Q^3)-(Q^4)-R^6$ , or  $-(Q^3)-CN$ ;

Q<sup>3</sup> is C<sub>1</sub>-C<sub>6</sub> alkylene;

 $Q^4$  is -C(O)-, -C(S)-, or  $-C(NR^7)$ -,

R7 is H or alkyl;

 $R^6$  is  $\underline{C_1-C_6}$  alkyl,  $\underline{C_2-C_6}$  alkenyl,  $\underline{C_2-C_6}$  alkynyl, hydroxy,  $\underline{C_1-C_6}$  alkoxy, aryloxy phenoxy. benzyloxy, or  $-N(R^8)(R^9)$ 

 $R^8$  and  $R^9$  each independently are H, hydroxy,  $\underline{C_1-C_8}$  alkyl,  $\underline{C_2-C_8}$  alkenyl,  $\underline{C_2-C_8}$  alkynyl,  $-(Q^5)_y-\underline{C_3-C_8}$  cycloalkyl,  $-N(R^{10})(R^{11})$ , or  $R^8$  and  $R^9$  combine with the nitrogen atom to which they are attached to form an optionally substituted 4 to 8 membered ring that may contain additional heteroatoms and may contain one or more degrees of unsaturation;

Q⁵ is <u>C₁-C</u><sub>8</sub> alkylene;

y is 0 or 1;

 $R^{10}$  and  $R^{11}$  each independently are H or  $C_{1}$ - $C_{6}$  alkyl;

R3 is -CN, -NO2, or halogen; and

 $R^4$  is –CN, -NO<sub>2</sub>, halogen,  $\underline{C_1-C_8}$  haloalkyl,  $\underline{C_1-C_8}$  alkyl,  $\underline{C_2-C_8}$  alkenyl,  $\underline{C_2-C_8}$  alkoxyl, hydroxyl,  $\underline{C_1-C_8}$  alkoxy, arylexy phenyl, naphthyl, phenoxy or bebenzyloxy.

#### 2-7. (Cancelled)

8. (Original) The compound of claim 1 wherein R<sup>3</sup> is -CN.

Attorney Docket No.: PR60689USw

- 9. (Currently Amended) The compound of claim 1 wherein  $R^4$  is halogen,  $C_1-C_6$  haloalkyl, -CN or  $C_1-C_6$  alkyl.
- 10-11. (Cancelled)
- 12. (Original) The compound of claim 1 wherein Q<sup>1</sup> is methylene.
- 13. (Cancelled)
- 14. (Original) The compound of claim 1 wherein Q<sup>3</sup> is methylene.
- 15-17. (Cancelled)
- 18. (Currently Amended) A compound selected from:
- 1,1-dimethylethyl *N*-[4-cyano-3-(trifluoromethyl)phenyl]-*N*-(cyclopropylmethyl)glycinate;

N-[4-cyano-3-(trifluoromethyl)phenyl]-N-(cyclopropylmethyl)glycine;

 $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^2$ -(cyclopropylmethyl)- $N^1$ -methylglycinamide;

 $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^2$ -(cyclopropylmethyl)glycinamide;

1,1-dimethylethyl N-[4-cyano-3-(trifluoromethyl)phenyl}-N-methylglycinate;

1,1-dimethylethyl N-[4-cyano-3-(trifluoromethyl)phenyl] N-ethylglycinate;

N-[4-cyano-3-(trifluoromethyl)phenyl]-N-ethylglycine;

N<sup>2</sup>-I4-cyano-3-(trifluoromethyl)phenyll-N<sup>2</sup>-ethylglycinamide;

N<sup>2</sup>-{4-cyano-3-(trifluoromethyl)phenyl}-N<sup>2</sup>-ethyl-N<sup>1</sup>-propylglycinamide;

N<sup>2</sup>-[4-cyano-3-(trifluoromethyl)phenyl]-N<sup>1</sup>-(cyclopropylmethyl)-N<sup>2</sup>-ethylglycinamide;

N<sup>2</sup>-{4-cyano-3-(trifluoromethyl)phenyl}-N<sup>2</sup>-ethyl-N<sup>3</sup>-N<sup>1</sup>-dipropylglycinamide;

1,1-dimethylethyl *N*-[4-cyano-3-(trifluoromethyl)phenyl]-*N*-(2,2,2-trifluoroethyl)glycinate;

N-[4-cyano-3-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoroethyl)glycine;

 $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^2$ -(2,2,2-trifluoroethyl)glycinamide;

methyl N-[4-cyano-3-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoroethyl)glycinate;

1-methylethyl N-[4-cyano-3-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoroethyl)glycinate;

 $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^1$ -methyl- $N^2$ -(2,2,2-trifluoroethyl)glycinamide;

 $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^3$ -ethyl- $N^2$ -(2.2.2-trifluoroethyl)qlycinamide;

 $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^1$ -cyclohexyl- $N^2$ -(2,2,2-

trifluoroethyl)glycinamide;

 $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^1$ , $N^1$ -dimethyl- $N^2$ -(2,2,2-trifluoroethyl)glycinamide;

2-[4-cyano(2,2,2-trifluoroethyl)-3-(trifluoromethyl)anilino]-N-methylacetohydrazide;

2-[4-cyano(2,2,2-trifluoroethyl)-3-(trifluoromethyl)anilino]-N,N-

### dimethylacetohydrazide;

methyl N-[4-cyano-3-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoroethyl)alaninate;

N-[4-cyano-3-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoroethyl)alanine;

 $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^2$ -(2,2,2-trifluoroethyl)alaninamide;

 $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^1$ -methyl- $N^2$ -(2,2,2-trifluoroethyl)alaninamide;

 $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^1$ -ethyl- $N^2$ -(2,2,2-trifluoroethyl)alaninamide;

 $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^1$ , $N^1$ -dimethyl- $N^2$ -(2,2,2-

### trifluoroethyl)alaninamide;

- 1,1-dimethylethyl 2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]butanoate;
  - 2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]butanoic acid;
  - 2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]butanamide;
- 2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]-N-methylbutanamide;
  - 2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]-N-ethylbutanamide;
- 2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]-N,N-dimethylbutanamide;
  - 1,1-dimethylethyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-N-propylglycinate;

N-[4-cyano-3-(trifluoromethyl)phenyl]-N-propylglycine;

N<sup>2</sup>-[4-cyano-3-(trifluoromethyl)phenyl]-N<sup>2</sup>-propylglycinamide;

N<sup>2</sup>-[4-cyano-3-(trifluoromethyl)phenyl]-N<sup>1</sup>-N<sup>2</sup>-dipropylglycinamide;

N<sup>2</sup>-[4-cyano-3-(trifluoromethyl)phonyl]-N<sup>4</sup>-(cyclopropylmethyl)-N<sup>2</sup>-propylglycinamide;

1,1-dimethylethyl N [4-cyano-3-(trifluoromethyl)phenyl] N-2-propen-1-ylglycinate;

methyl N-[4-cyano-3 (trifluoromethyl)phenyl] N-(2-fluoroethyl)glycinate;

N<sup>2</sup>-[4-cyano-3-(trifluoromethyl)phenyl]-N<sup>2</sup>-(2-fluoroethyl)glycinamide;

1,1-dimethylethyl N-[4-cyano-3-(trifluoromethyl)phenyl]-N-(2-methylpropyl)glycinate;

N [4-cyano-3-(trifluoromethyl)phenyl]-N-isobutylglycine;

- N<sup>2</sup>-[4-cyano-3-(trifluoremethyl)phenyl]-N<sup>2</sup>-isobutylglycinamide;
- N2-[4-cyano-3-(trifluoromethyl)phenyl]-N2-isobutyl-N1-methylglycinamide;
- $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^2$ -(cyclopropylmethyl)- $N^1$ -ethylglycinamide;
- $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^1$ , $N^2$ -bis(cyclopropylmethyl)glycinamide;
- 1,1-dimethylethyl N-[4-cyano-3-(trifluoromethyl)phenyl]-N-

# (cyclopropylmethyl)alaninate;

- N-[4-cyano-3-(trifluoromethyl)phenyl]-N-(cyclopropylmethyl)alanine;
- $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^2$ -(cyclopropylmethyl)alaninamide;
- $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^2$ -(cyclopropylmethyl)- $N^1$ -methylalaninamide;
- N<sup>2</sup>-[4-cyano-3-(trifluoromethyl)phenyl]-N<sup>2</sup>-(cyclopropylmethyl)-N<sup>1</sup>-ethylalaninamide;
- $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^2$ -(cyclopropylmethyl)- $N^1$ ,  $N^1$ -

## dimethylalaninamide;

- 4-[(cyanomethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile;
- 4-[(1-cyanoethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile;
- methyl 3-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]-2-

### methylpropanoate;

- 4-[(2-cyanopropyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile;
- N-[4-cyano-3-(trifluoromethyl)phenyl]-N-(2,2-dimethylpropyl)glycine;
- N<sup>2</sup>-[4-cyano-3-(trifluoromethyl)phenyll N<sup>2</sup>-(2,2-dimethylpropyl)glycinamide;
- N<sup>2</sup>-[4-cyano-3-(trifluoromethyl)phenyl]-N<sup>2</sup>-(2,2,2-trifluoro-1-methylethyl)glycinamide;
- N<sup>2</sup>-[4-cyano-3-(trifluoromethyl)phenyl]-N<sup>2</sup>-[1-(trifluoromethyl)propyl]glycinamide;
- 1,1-dimethylethyl N-[4-cyano-3-(trifluoromethyl)phenyl]-N-(3,3,3-

### trifluoropropyl)glycinate;

- $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^2$ -(3,3,3-trifluoropropyl)glycinamide;
- 4-[(cyanomethyl)(3,3,3-trifluoropropyl)amino]-2-(trifluoromethyl)benzonitrile;
- $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^2$ -(3,3,3-trifluoropropyl)alaninamide;
- $N^2$ -[4-cyano-3-(trifluoromethyl)phenyl]- $N^1$ -methyl- $N^2$ -(3,3,3-

## trifluoropropyl)alaninamide;

- N<sup>2</sup>-[4-cyano-3-(trifluoromethyl)phenyl]-N<sup>2</sup>-(1,1-dimethylethyl)glycinamide;
- N<sup>2</sup>-I4-cyano-3-(trifluoromethyl)phenyl]-N<sup>2</sup>-(1-methylethyl)glycinamide;
- N<sup>2</sup>-[4-cyano-3-(trifluoromethyl)phenyl]-N<sup>4</sup>-methyl-N<sup>2</sup>-(1-methylethyl)glycinamide;
- 4-[(cyanomethyl)(methyl)amino]-2-(trifluoromethyl)bonzonitrile;
- 4-[(2-cyanoethyl)(methyl)amino]-2-(trifluoromethyl)benzonitrile;
- 1.1-dimethylethyl N-(3-chloro-4-cyanophenyl)-N-(2,2,2-trifluoroethyl)glycinate;

- N-(3-chloro-4-cyanophenyl)-N-(2,2,2-trifluoroethyl)glycine;
- N<sup>2</sup>-(3-chloro-4-cyanophenyl)-N<sup>2</sup>-(2,2,2-trifluoroethyl)glycinamide;
- N<sup>2</sup>-(3-chloro-4-cyanophenyl)-N<sup>1</sup>-methyl-N<sup>2</sup>-(2,2,2-trifluoroethyl)glycinamide;
- $N^2\hbox{-}(3\hbox{-chloro-4-cyanophenyl})\hbox{-}N^1\hbox{-ethyl-}N^2\hbox{-}(2,2,2\hbox{-trifluoroethyl})glycinamide;$
- 1,1-dimethylethyl N-(3-chloro-4-cyanophenyl)-N-(2,2,2-trifluoroethyl)alaninate;
- N-(3-chloro-4-cyanophenyl)-N-(2,2,2-trifluoroethyl)alanine;
- N<sup>2</sup>-(3-chloro-4-cyanophenyl)-N<sup>2</sup>-(2,2,2-trifluoroethyl)alaninamide;
- N<sup>2</sup>-(3-chloro-4-cyanophenyl)-N<sup>1</sup>-methyl-N<sup>2</sup>-(2,2,2-trifluoroethyl)alaninamide;
- N<sup>2</sup>-(3-chloro-4-cyanophenyl)-N<sup>1</sup>-ethyl-N<sup>2</sup>-(2,2,2-trifluoroethyl)alaninamide;
- 1,1-dimethylethyl 2-[(3-chloro-4-cyanophenyl)(2,2,2-trifluoroethyl)amino]butanoate;
- 2-[(3-chloro-4-cyanophenyl)(2,2,2-trifluoroethyl)amino]butanamide;
- 2-[(3-chloro-4-cyanophenyl)(2,2,2-trifluoroethyl)amino]-N-methylbutanamide;
- 2-[(3-chloro-4-cyanophenyl)(2,2,2-trifluoroethyl)amino]-N-ethylbutanamide;
- 1,1-dimethylethyl N-(3-chloro-4-cyanophenyl)-N-(cyclopropylmethyl)glycinate;
- N-(3-chloro-4-cyanophenyl)-N-(cyclopropylmethyl)glycine;
- N<sup>2</sup>-(3-chloro-4-cyanophenyl)-N<sup>2</sup>-(cyclopropylmethyl)glycinamide;
- N<sup>2</sup>-(3-chloro-4-cyanophenyl)-N<sup>2</sup>-(cyclopropylmethyl)-N<sup>1</sup>-methylglycinamide;
- N<sup>2</sup>-(3-chloro-4-cyanophenyl)-N<sup>2</sup>-(cyclopropylmethyl)-N<sup>1</sup>-ethylglycinamide;
- 2-chloro-4-[(cyanomethyl)(cyclopropylmethyl)amino]benzonitrile;
- 1,1-dimethylethyl N-(3-chloro-4-cyanophenyl)-N-(cyclopropylmethyl)alaninate;
- N-(3-chloro-4-cyanophenyl)-N-(cyclopropylmethyl)alanine;
- N<sup>2</sup>-(3-chloro-4-cyanophenyl)-N<sup>2</sup>-(cyclopropylmethyl)alaninamide;
- N<sup>2</sup>-(3-chloro-4-cyanophenyl)-N<sup>2</sup>-(cyclopropylmethyl)-N<sup>1</sup>-methylalaninamide;
- N<sup>2</sup>-(3-chloro-4-cyanophenyl)-N<sup>2</sup>-(cyclopropylmethyl)-N<sup>1</sup>-ethylalaninamide;
- 1,1-dimethylethyl 2-[(3-chloro-4-cyanophenyl)(cyclopropylmethyl)amino]butanoate;
- 2-[(3-chloro-4-cyanophenyl)(cyclopropylmethyl)amino]butanoic acid;
- 2-[(3-chloro-4-cyanophenyl)(cyclopropylmethyl)amino]butanamide;
- 2-[(3-chloro-4-cyanophenyl)(cyclopropylmethyl)amino]-N-methylbutanamide;
- 2-[(3-chloro-4-cyanophenyl)(cyclopropylmethyl)amino]-N-ethylbutanamide;
- methyl N-(3,4-dicyanophenyl)-N-(2,2,2-trifluoroethyl)glycinate;
- 1,1-dimethylethyl N-(3,4-dicyanophenyl)-N-(2,2,2-trifluoroethyl)glycinate;
- N<sup>2</sup>-(3,4-dicyanophenyl)-N<sup>2</sup>-(2,2,2-trifluoroethyl)glycinamide;
- N<sup>2</sup>-(3,4-dicyanophenyl)-N<sup>1</sup>-methyl-N<sup>2</sup>-(2,2,2-trifluoroethyl)glycinamide;
- N<sup>2</sup>-(3,4-dicyanophenyl)-N<sup>1</sup>-ethyl-N<sup>2</sup>-(2,2,2-trifluoroethyl)glycinamide;

#### Attorney Docket No.: PR60689USw

- 1,1-dimethylethyl N-(3,4-dicyanophenyl)-N-(2,2,2-trifluoroethyl)alaninate;
- N-(3,4-dicyanophenyl)-N-(2,2,2-trifluoroethyl)alanine;
- N<sup>2</sup>-(3,4-dicyanophenyl)-N<sup>2</sup>-(2,2,2-trifluoroethyl)alaninamide;
- N<sup>2</sup>-(3,4-dicyanophenyl)-N<sup>1</sup>-methyl-N<sup>2</sup>-(2,2,2-trifluoroethyl)alaninamide;
- N<sup>2</sup>-(3,4-dicyanophenyl)-N<sup>1</sup>-ethyl-N<sup>2</sup>-(2,2,2-trifluoroethyl)alaninamide;
- 1,1-dimethylethyl 2-[(3,4-dicyanophenyl)(2,2,2-trifluoroethyl)amino]butanoate;
- 2-[(3,4-dicyanophenyl)(2,2,2-trifluoroethyl)amino]butanoic acid;
- 2-[(3,4-dicyanophenyl)(2,2,2-trifluoroethyl)amino]butanamide;
- 2-[(3,4-dicyanophenyl)(2,2,2-trifluoroethyl)amino]-N-methylbutanamide;
- 2-[(3,4-dicyanophenyl)(2,2,2-trifluoroethyl)amino]-N-ethylbutanamide;
- 1,1-dimethylethyl N-(cyclopropylmethyl)-N-(3,4-dicyanophenyl)glycinate;
- N-(cyclopropylmethyl)-N-(3,4-dicyanophenyl)glycine;
- N<sup>2</sup>-(cyclopropylmethyl)-N<sup>2</sup>-(3,4-dicyanophenyl)glycinamide;
- N<sup>2</sup>-(cyclopropylmethyl)-N<sup>2</sup>-(3,4-dicyanophenyl)-N<sup>1</sup>-methylglycinamide;
- N<sup>2</sup>-(cyclopropylmethyl)-N<sup>2</sup>-(3,4-dicyanophenyl)-N<sup>1</sup>-ethylglycinamide;
- 4-[(cyanomethyl)(cyclopropylmethyl)amino]-1,2-benzenedicarbonitrile;
- 1.1-dimethylethyl N-(cyclopropylmethyl)-N-(3,4-dicyanophenyl)alaninate;
- N-(cyclopropylmethyl)-N-(3,4-dicyanophenyl)alanine;
- N<sup>2</sup>-(cyclopropylmethyl)-N<sup>2</sup>-(3,4-dicyanophenyl)-N<sup>1</sup>-methylalaninamide;
- N<sup>2</sup>-(cyclopropylmethyl)-N<sup>2</sup>-(3,4-dicyanophenyl)-N<sup>1</sup>-ethylalaninamide;
- 1,1-dimethylethyl 2-[(cyclopropylmethyl)(3,4-dicyanophenyl)amino]butanoate;
- 2-[(cyclopropylmethyl)(3,4-dicyanophenyl)amino]butanoic acid;
- 2-[(cyclopropylmethyl)(3,4-dicyanophenyl)amino]butanamide;
- 2-[(cyclopropylmethyl)(3,4-dicyanophenyl)amino]-N-methylbutanamide;
- and 2-[(cyclopropylmethyl)(3,4-dicyanophenyl)amino]-N-ethylbutanamide.

#### 19. (Cancelled)

20. (Previously Presented) A pharmaceutical composition comprising a compound according to claim 1, and a pharmaceutically acceptable carrier.

#### 21-27. (Cancelled)